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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/047,860	01/15/2002	John R. Hind	RSW920010181US1	5123

7590 04/08/2004

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EXAMINER

RIMELL, SAMUEL G

ART UNIT	PAPER NUMBER
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2175

DATE MAILED: 04/08/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/047,860

Applicant(s)

HIND ET AL.

Examiner

Sam Rimell

Art Unit

2175

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-19 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-19 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

SAM RIMELL
PRIMARY EXAMINER

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date ____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: ____.

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-19 are rejected under 35 U.S.C. 102(e) as being anticipated by Massarani (U.S. Patent 6,336,117).

Claim 1: FIG. 1 of Massarani discloses a universal database connectivity driver (gateway 124) has three exposed interfaces. One exposed interface leads to the Internet (106) and database servers (120, 130). The second exposed interface leads to clients (102, 104). The third exposed interface leads to a database proxy driver (126,127).

A database proxy driver (126, 127) is registered with the universal connectivity driver (124) in the sense that the proxy driver (126) communicates with the connectivity driver (124). The database proxy driver (126, 127) also conforms with one of the exposed interfaces of the database connectivity driver (124). As seen from FIG. 2, the database proxy driver (126) is configured to perform multiple auxiliary tasks, including storing user IDs, blocking keywords, maintaining rules, blacklisting (blocking) URLs and whitelisting (allowing) certain URLs. The database driven application is the program in the database proxy driver (126, 127) which performs the auxiliary tasks and uses the table of FIG. 2.

Claim 2: The universal database connectivity driver is the gateway (124). The gateway includes the database proxy driver (126, 127) and the database driven application (program

which utilizes table of FIG. 2). These elements form part of a single gateway which resides on an edge of the Internet closest to the clients (102, 104), as seen in FIG. 1.

Claim 3: The database proxy driver (126, 127) can block the transmission of certain URLs over the Internet. This has the effect of influencing the load on the Internet and the servers (120, 130) connected to the Internet.

Claim 4: The data maintained by the database proxy driver (126, 127) is shown in FIG. 2 and is stored on a cache (127).

Claim 5: The table of FIG. 2 is considered to be a log file of meat data information describing characteristics of certain websites, such as URLs and potential keywords. The programming within the proxy server (126) that utilizes the data in FIG. 2 is readable as analyzer that influences (i.e. tunes) the operation of the filter that limits words and blacklists and whitelists websites.

Claim 6: A database connectivity request is request by one of the browsers (116) to contact a website using a specific URL. The first exposed database connectivity method is the method of contacting and communicating with the gateway (124).

The database connectivity request is forwarded to an underlying database connectivity driver (126, 127) at gateway (124) through a second exposed method, which is the method of connecting to and communicating with the database connectivity driver (126, 127). Both the first method and the second method are methods of communication connection, and thus are matched methods.

As seen in FIG. 2, the auxiliary tasks are the tasks of maintaining User IDs blocking keywords, maintaining rules, maintaining a blacklist of blocked URLs and maintaining a whitelist of allowed URLs.

Claim 7: The steps of receiving, forwarding and performing a re steps performed through the gateway (124) and its attached proxy systems (126, 127). The gateway (124) and the attached proxy systems (126, 127) are on the edge of the Internet and stand between the Internet and the clients (102, 104).

Claim 8: See remarks for claim 3.

Claim 9: See remarks for claim 4.

Claim 10: See remarks for claim 5.

Claim 11: As seen in FIG. 2, the proxy server can act to generate rules (columns 207, 209, 211) that can either allow access to websites or block access to websites. When access to a website is allowed, the website will inherently respond to the request and return the requested data.

Claim 12: The table of FIG. 2 represents cached data that may be stored in the cache (127). Some of the cached data is based upon frequency patterns. For example, the word "Casino" in columns (205) will frequently access casino websites, and thus is considered relatively undesirable. As a result, the word "Casino" is cached because it will frequently produce relatively undesirable casino web sites.

Claim 13: See remarks for claim 6.

Claim 14: See remarks for claim 7.

Claim 15: See remarks for claim 3.

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Claim 16: See remarks for claim 4.

Claim 17: See remarks for claim 5.

Claim 18: See remarks for claim 11.

Claim 19: See remarks for claim 12.

Any inquiry concerning this communication should be directed to Sam Rimell at telephone number (703) 306-5626.



Sam Rimell
Primary Examiner
Art Unit 2175